

# California Energy Commission



**CLASSIFICATION:** Associate Electrical Engineer  
May consider downgrading to an Electrical Engineer  
(up to 2 positions available)

**TENURE:** Permanent **REISSUED**

**TIME BASE:** Full Time

**SALARY:** Associate Electrical Engineer \$6,898 - \$8,378  
Electrical Engineer–Range A: \$4,608 - \$5,334  
Range B: \$5,276 – \$6,409  
(salary will be adjusted accordingly to comply with furlough program)

**LOCATION:** Efficiency and Renewable Energy Division  
Sacramento, CA

**FINAL FILING DATE:** Until Filled

Do you want to:

- ☐ assist Building Departments as they enforce the Building Energy Efficiency Standards:
- ☐ develop Building and Appliance Energy Efficiency Standards approaching net zero energy?
- ☐ incorporate water efficiency into the Buildings and Appliance Standards?
- ☐ develop and implement Home Energy Rating System programs?
- ☐ certify Building Energy Efficiency Standards compliance software development?
- ☐ increasing compliance with the Building and Appliance Standards?

*If you have energy efficiency experience in any of the above or related areas, we are interested in you!*

## DUTIES/RESPONSIBILITIES:

This position may be filled at either the entry or journey level. At the journey level, the Associate Electrical Engineer will perform difficult electrical engineering work involved in the development of Building and Appliance Energy Efficiency Standards which will include performing difficult electrical engineering analysis such as building illumination, outdoor and indoor lighting, power installations, complicated electric control systems and providing input on issues associated with integration of photovoltaic (PV) solar energy systems into the Building Standards. The position is located in the Buildings and Appliances Office of the Efficiency and Renewable Energy Division.

Specific duties include the following:

RPA#430-547 (OVER) OK DP 4/16/09 POS# 535-430-3603-001

- ☐ Provide electrical engineering analysis support to the Buildings and Appliance Standards programs.
- ☐ Perform tasks associated with all types and classes of electrical work including power installations; complicated electric control systems; communication and electronic systems; and preparing or reviewing material lists and requisitions.
- ☐ Respond to requests for assistance and information from project proponents and others interested in efficiency policy, programs and technologies.
- ☐ Prepare reports on project, program and technology issues and achievements.

#### **DESIRABLE EXPERIENCE/QUALIFICATIONS:**

The successful applicant should have:

- ☐ knowledge of electrical theory and practice and modern electrical equipment and apparatus;
- ☐ knowledge of various codes, safety orders, and regulations governing electrical work;
- ☐ knowledge of circuit design, power, light, signal and control distribution systems, overhead and underground, together with power distribution centers and substations;
- ☐ knowledge of the Appliance Energy Efficiency Standards;
- ☐ demonstrated ability to act as a team leader;
- ☐ ability to communicate ideas effectively;
- ☐ knowledge of energy efficient building standards technologies; and
- ☐ strong written and verbal communication skills.

**WORKING CONDITIONS:** Work is performed indoors in an office setting.

**WHO MAY APPLY:** All interested eligible persons are encouraged to apply. Applicants must have either transfer or SROA/Surplus eligibility at the Associate Electrical Engineer or Electrical Engineer level. Please indicate your eligibility for this classification on the state application form, STD. 678. Applications will be screened for experience and only the most qualified will be contacted for an interview.

**Training & Development Assignments may be considered.**

**INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:**

California Energy Commission  
Efficiency & Renewable Energy Division  
Tracy Boggs (RPA #430-547)  
1516 9<sup>th</sup> Street, MS-28  
Sacramento, CA 95814  
(916) 654-4054

California Relay (Telephone) Service  
for the Deaf or Hearing-Impaired  
From hTDD Phones: 1-800-735-2929  
From Voice Phones: 1-800-735-2922

**DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD**

